

8. Sanitary facilities for the personnel are provided in the Town Highway Garage located within one-quarter of a mile from the entrance gate.
9. The dumping areas are contained within reasonable limits so that the working face is kept to a minimum.

The following items appear to conflict with State standards:

1. The existing contours of the completed areas of the landfill site are very irregular. This causes rain water to be trapped on the surface and eventually percolate through the refuse causing a continuous pollution of the ground water in the area.
2. Drainage of surface water from the perimeter of the site has been impaired. Refuse has been land-filled in a manner which has blocked the normal outlet of water from the Thruway to Ley Creek. This trapped water lying mainly along the Thruway has become contaminated due to the refuse.
3. Refuse has been landfilled over and under existing utilities within the site. These utilities consist of underground sanitary sewers and gas mains and overhead power lines.
4. Previous methods of compaction and covering of the landfill have provided refuse cell depths greatly exceeding the normal requirements. Additionally, two feet of final cover material has not been provided throughout the site.
5. The roadways within the site have an insufficient amount of gravel to keep them passable to vehicular traffic during all seasons of the year. During wet weather, small vehicles find it difficult to move throughout the site and mud is being deposited along Route 11 in the vicinity of the entrance road.
6. Fencing has not been provided to minimize the blowing of refuse to adjacent areas.
7. Record keeping is not in sufficient detail to facilitate future planning by the Town.

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(Part 6a) Pg 2 of 25

ONONDAGA COUNTY, NY

Date — 9/18/

NAME OF COLLECTOR	COMP. OPEN	SIZE OF TRUCK CU. YDS	% FULL	ORIGIN	TYPE OF WASTE	REMARK
Leaseway	Comp.	40	Full	G.M.C. Lyncourt	Plastic	Wood
P. Drescher	Open	30	Full	Liverpool	Paper	Cardboard
Will & Baumer	Open	30	Full	Liverpool	Paper	Candle Com
Creno, Chuck	Open	30	1/2	Liverpool	Paper	Grocery Stor
Personal	Open	1/2	1/4	Mattydale	Garbage	Pick-Up Tru
Personal	Open	3/4	Full	Mattydale	Refuse	Pick-Up Truc
Personal	Open	1/2	1/4	Mattydale	Pipes & Paper	Pick-Up Tru
Kelley	Comp.	25	Full	Liverpool	Garbage	
Town of Salina	Open	8	Full	Lyncourt	Trees & Brush	Highway Dep
Roth Steel	Open	15	1/2	Mattydale	Garbage	Dumpster, Bo
Leaseway	Comp.	40	Full	Lyncourt	Plastic	Cardboard, C
National Platino	Open	30	1/4	Mattydale	Paper & Cardboard	
A & T Haulers	Comp.	42	Full	G.E., Liverpool	Cardboard	Wood
Weaver	Comp.	20	Full	Mattydale	Garbage	
A & T Haulers	Comp.	42	Full	Liverpool	Wax&Paper	Glass
James Ryan	Open	14	1/2	Mattydale	Wood & Plastic	
Roth Steel	Open	15	1/2	Lyncourt	Paper	Dumpster, B
Salt City Supl.	Open	16	Full	Lyncourt	Wood & Paper	Tin
Chuck Raditors	Open	3-1/2	Full	Mattydale	Cardboard	
Roth Steel	Open	18	Full	Liverpool	Paper--Cardboard	
Tousley	Comp.	20	Full	Mattydale	Garbage	
Monarch Liq Co.	Open	18	Full	Liverpool	Cardboard	Paper
Town of Salina	Open	8	Full	Lyncourt	Trees	Highway Dept
Personal	Open	2-1/2	Full	Mattydale	Stone & Brick	
Kline Windows	Open	2-1/2	1/4	Lyncourt	Wood&Tin	
Personal	Open	14	Full	Mattydale	Wood	
Personal	Open	2-1/2	1/4	Mattydale	Tarpaper & Wood	
Personal	Open	1-1/2	1/4	Mattydale	Papers	
Roth Steel	Open	18	Full	Liverpool	Wood	Dumpster, Bo
Unknown	Open	12	1/2	Mattydale	Roofing Paper	
Lichtmans Liq	Open	12	1/2	Liverpool	Cardboard & Paper	
Personal	Open	2-1/2	Full	Mattydale	Dirt&Bag	Steel
Personal	Open	16	Full	Mattydale	Paper & Cardboard	
Weimer Co.	Open	4	Full	Mattydale	Wood & Tin	
Central Carbon	Open	4	Full	Lyncourt	Cardboard & Paper	
Roth Steel	Open	18	1/2	Liverpool	Paper & Cardboard	G.E.
Kelley	Comp.	25	Full	Liverpool	Garbage	A 110

(Part 6a) Pg 3 of 25

ONONDAGA COUNTY, NY

Date — 9/18

NAME OF COLLECTOR	COMP OPEN	SIZE OF TRUCK CU. YDS	% FULL	ORIGIN	TYPE OF WASTE	REMARKS
Personal	Open	1	Full	Mattvdale	Garbage	
A & T	Comp.	15	Full	C.H.	Foundry	
Raite	Comp.	18	Full	Liverpool	Garbage	
Rubbish Removal	Comp.	18	Full	Unknown	Garbage	
Roth Steel	Open	15	Full	Liverpool	Paper & Cardboard	Dumpster Box
Kelley	Comp.	40	1/2	Liverpool	Garbage	
Heisler	Open	16	Full	Mattvdale	Cardboard Plastic	
Personal	Open	12	1/4	Mattvdale	Paper Cardboard	
Seneca Knolls	Comp.	18	1/4	Mattvdale	Cardboard Paper	
Car & Trailer	Open	2	1/4	Mattvdale	Cardboard & Trash	
A & T	Open	15	Full	C.H.	Cardboard & Paper	
Kelley	Comp.	25	3/4	Liverpool	Garbage	
Town of Salina	Open	8	Full	Lyncourt	Trees&Logs	Highway Dept
Leaseway	Comp.	30	1/2	Lyncourt Mattvdale	Plastic Paper&Cdb.	G.M.C.
A & T	Open	15	Full	C.H.	Foundry	
Roth Steel	Dumpster box	15	Full	Lyncourt	Paper-Wood	G.E.
Service Liquor	Open	10	1/2	Liverpool	Cardboard & Paper	
Town of Salina	Open	8	Full	Lyncourt	Trees&Logs	
Kelley	Comp.	25	Full	Liverpool	Garbage	
A & T	Open	15	Full	C.H.	Foundry	
Kelley	Comp.	25	3/4	Liverpool	Garbage	
Roth Steel	Open	18	1/2	Liverpool	Paper	G.E.
Roth Steel	Dumpster Box	15	Full	Liverpool	Wood&Paper	
Personal Car	Open	1	Full	Mattvdale	Garbage	
Tripoli	Comp.	20	Full	Liverpool Mattvdale	Paper & Cardboard	
Creno, Chuck	Open	30	3/4	Lyncourt	Paper Cardboard	
Personal	Open	2	Full	Liverpool	Wood&Paper	
Rubbish Removal	Comp.	30	Full	Liverpool	Wood and Cardboard	
A & T	Open	15	Full	C.H.		
Town of Salina	Open	8	Full	Lyncourt	Trees&Logs	Highway
Mannino	Comp.	16	Full	Lyncourt Liverpool	Paper and Cardboard	
Roth Steel	Open	15	Full	Mattvdale	Foundry	Dumpster Box
Personal	Open	2	1/2	Mattvdale	Paint Can	
Ace	Open	15	Full	Liverpool	Paper and Cardboard	Dumpster Box
Personal	Open	2	Full	Liverpool	Wood & Iron	
A & T recycled paper	Open	15	Full	C.H.	Foundry and environment	
Personal	Comp.	25	Full			

(Part 6a) Pg 4 of 25

SARATOGA COUNTY, NY

Date - 9/

NAME OF COLLECTOR	COMP. OPEN	SIZE OF TRUCK CU. YDS	% FULL	ORIGIN	TYPE OF WASTE	REMARKS
Ace	Comp.	60	Full	Liverpool N. Light	Garbage & Papers	
Personal	Open	2	1/2	Liverpool	Wood & Paper	
Kelley	Comp.	25	Full	Liverpool	Garbage	
Heisler	Open	16	1/2	Mattvdale	Cardboard	
Creno, Frank	Open	25	3/4	Liverpool	Cardboard	
Kelley's	Comp.	25	Full	Liverpool	Garbage	
Weaver	Comp.	25	Full	Mattydale	Garbage	
Rubbish Removal	Open	35	Full	Liverpool	Tin & Iron	G.E.
Tripoli	Comp.	18	1/2	Liverpool Mattydale	Paper - Garbage	
Ace	Open	15	Full	Liverpool	Paper - Cardboard	
Spoto	Comp.	18	1/2	Mattydale	Garbage	
Town of Salina	Open	8	Full	Lyncourt	Trees & Logs	
A & T	Open	15	Full	C.H.	Foundry	
Rubbish Removal	Comp.	30	Full		Foundry	
A & T	Comp.	42	Full	C.H.	Paper Cardboard	
A & T	Comp.	42	Full	Liverpool	Cardboard Paper	G.E.
G.E. Trk	Open	6	Full	Liverpool	Dirt-Stone	G.E.
Kelley	Comp.	22	Full	Liverpool	Garbage	
Town of Salina	Open	8	Full	Lyncourt	Logs-Trees	
Car & Trailer	Open	2	Full	Lyncourt	Rooring Paper	
Roth Steel	Open	10	Full	Liverpool	Garbage	Dumoster Br
Kelley	Comp.	25	Full	Liverpool	Garbage	
Golas	Open	10	Full	Mattydale	Paper - Cardboard	
A & T	Comp.	42	Full	Liverpool	Cardboard Paper - Wood	G.E.
Leaseway	Comp.	42	Full	Lyncourt	Paper Cardboard	G.M.C.
Creno, Chuck	Open	30	Full	Lyncourt	Cardboard Paper	
A & T	Open	15	Full	C.H.	Foundry	
G.E., Trk	Open	8	Full	Liverpool	Paper Cardboard	
Pascarella	Open	2-1/2	Full	Liverpool	Cardboard Paper	
Personal	Open	2	Full	Liverpool	Wood-Paper	
Personal	Open	2	Full	Mattvdale	Wood-Paper	
Personal	Open	1	Full	Mattvdale	Cardboard	
Town of Salina	Open	7	Full	Lyncourt	Logs-Brush	
N.Y. State	Open	3	Full	Mattydale	Brush	
Creno, Chuck	Open	25	3/4	Liverpool	Paper - Cardboard	
Raite	Comp.	25	Full	Liverpool	Garbage	
Leaseway	Comp.	40	Full	Lyncourt	Cardboard Paper	A-11

(Part 6a) Pg 5 of 25
ONONDAGA COUNTY, N.Y.

NAME OF COLLECTOR	COMP.	SIZE OF TRUCK CU. YDS	% FULL	ORIGIN	TYPE OF WASTE	Date — 9/1
	OPEN					REMA
Robert - Law	Open	12	Full	Liverpool	Dirt-Trees	Vine St.,
Town of Salina	Open	8	Full	Lyncourt	Trees-Brush	
Raite	Comp.	20	Full	Liverpool	Garbage	
Town of Salina	Open	8	Full	Mattydale	Wood&Iron	
Town of Salina	Open	8	Full	Mattydale	Wood&Iron	
Kelley	Comp.	25	Full	Liverpool	Garbage	
Kelley	Comp.	25	Full	Liverpool	Garbage	
Kelley	Comp.	25	Full	Liverpool	Garbage	
Leaseway	Comp.	40	Full	Lyncourt	Cardboard Wood	G.M.C.
Will & Baumer	Open	30	Full	Liverpool	Paper-Wood	Candle Comb
A & T	Open	15	Full	C.H.	Foundry	C.H.
A & T	Comp.	42	Full	Liverpool	Cardboard Paper-Wood	G.E.
Personal	Open	1	Full	Pitcher Hill	Paper-Cardboard	
Town of Salina	Open	8	Full		Trees-Brush	
Roth Steel	Open	30	Full	G.E. Liverpool	Paper-Wood Cardboard	Metal-Iron
National Plating	Open	15	1/4	Mattydale	Paper Cardboard	
Personal	Open	1	Full	Mattydale	Garbage	
A & T	Open	15	Full	C.H.	Foundry	C.H.
Lichtman	Open	15	1/2	Liverpool	Paper - Cardboard	M. Lichtman
Onon. Heating	Open	2	Full	Mattydale	Tin-Wood Paper	Onon. Heating
Salt City Sup.	Open	15	Full	Lyncourt	Wood-Paper	
Cinter-City	Open	15	1/2	C.H.	Tar-Paper-Wood	
Kelley	Comp.	30	Full		Garbage	
Tousley	Comp.	20	Full	Liverpool	Garbage	Liverpool Vi
Roth Steel	Open	30	Full	G.E. Liverpool	Wood	G.E.
Town of Salina	Open	8	Full	Lyncourt	Trees-Wood	Lyncourt
Roth Steel	Open	15	1/2	Lyncourt	Cardboard Paper	Dumpster Box
Tousley	Comp.	25	Full	Liverpool	Garbage	Liverpool Vi
Robert - Law	Open	12	Full	Liverpool	Trees-Concrete	Vine Street
A & T	Open	15	Full		Cardboard Paper	C.H.
Robert-Law	Open	12	Full	Liverpool	Dirt-Trees	Vine Street
Robert-Law	Open	12	Full	Liverpool	Dirt-Trees	Vine Street
Seneca Knolls	Comp.	18	Full	Mattydale N. Light	Garbage	
Tripoli	Comp.	18	Full	Lyncourt Mattydale	Garbage, Paper, Cardboard	
A & T	Open	30	Full	G.E. Liverpool	Tin-Iron-Steel	G.E.
Town of Salina	Open	8	Full	Lyncourt	Foundry-addition	113
Roth Steel	Open	30	Full	Liverpool	Paper	

Date — 9/1

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LANDFILL (Part 6a) Pg 7 of 25
TOWN OF SALINA
ONONDAGA COUNTY, NY

Date — 9/20/12

NAME OF COLLECTOR	COMP. OPEN	SIZE OF TRUCK CU. YDS	% FULL	ORIGIN	TYPE OF WASTE	REMARKS
Leaseway	Comp.	42	Full	Lyncourt	Cardboard Paper	Plastic - G.M.
Town of Salina	Open	8	1/2	Mattydale	Trees-Wood	Highway Dept.
Town of Salina	Open	8	Full	Mattydale	Wood	Highway Dept.
Kelley	Comp.	30	Full	Pitcher Hill	Garbage	
Kelley	Comp.	25	Full	Pitcher Hill	Garbage	
Kelley	Comp.	35	Full	Pitcher Hill	Garbage	
Weaver	Comp.	20	Full	Mattydale	Garbage	
Heisler	Open	25	3/4	Mattydale	Cardboard Paper	P & C Bakery
Creno, C.	Open	18	3/4	Lyncourt	Cardboard Paper	
Town of Salina	Open	8	Full	Mattydale	Mix	Highway Dept.
A & T	Open	15	Full	C.H.	Wood	C.H.
A & T	Comp.	42	Full	Liverpool	Cardboard Paper-Wood	G.E.
Tripoli	Comp.	20	Full	Lyncourt	Cardboard Paper	Commercial
Personal	Open	2	1/2	Lyncourt	Brush	Shoo-City
G & T Supply	Open	2	1/2	Liverpool	Cardboard Paper	
Weaver	Comp.	25	Full	Mattydale	Garbage	
A & T	Open	15	Full	C.H.	Foundry	C.H.
Town of Salina	Open	8	Full	Mattydale	Trees-Wood Iron	Highway Dept.
Roth Steel	Open	20	1/2	Liverpool	Paper-Wood	
Roth Steel	Open	20	Full	Mattydale	Rugs Strike-Spar	Strike & Spar
Roth Steel	Open	15	Full	Mattydale	Garbage	Dumpster Box
Mustang Pools	Open	10	3/4	Liverpool	Concrete Stone	
Center-City Roof	Open	8	Full	Marine Mid-land Bank	Roofing	Mattydale
Tousley	Comp.	20	Full		Garbage Cardboard	Liverpool Vil
A & T Haulei	Open	15	Full	C.H.	Foundry	C.H.
Roth Steel	Open	20	3/4	Lyncourt	Paper-Wood	
N.Y. State	Open	4	Full	Mattydale	Paper-Wood	Stone
Town of Salina	Open	8	Full	Mattydale	Trees-Brush	Highway Dept.
Central City	Open	6	Full	Marine Mid-land Bank	Roofing	
Roth Steel	Open	15	1/2	Lyncourt	Paper-Cardboard	G.E. Dumpster
Kelley	Comp.	25	Full	Pitcher Hill	Garbage	
Shorgood Poultry	Open	10	1/2	Liverpool	Garbage	
Personal	Open	1	1/2	Mattydale	Wood	
Town of Salina	Open	8	Full	Mattydale	Trees-Limbs	
Central City	Open	6	1/4	Mattydale	Roofing & Paper	A-115
recycled paper	Comp.	20	Full		ecology and environment	

APPENDIX

LANDFILL INVESTIGATION TOWN OF SALINA ONONDAGA COUNTY, NY						File No. - 12
						Date - 9/23
NAME OF COLLECTOR	COMP. OPEN	SIZE OF TRUCK CU. YDS	% FULL	ORIGIN	TYPE OF WASTE	REMARKS
Roth Steel	Open	15	Full	Lyncourt	Paper Cardboard	G.E., Dump
Town of Salina	Open	8	Full	Mattydale	Brush	
Mannino's	Comp.	16	Full	Liverpool	Garbage	
A & T	Open	15	Full	C.H.	Foundry	C.H.
Leaseway	Comp.	35	Full	Mattydale	Garbage	
Salt City Supply	Open	20	Full	Lyncourt	Paper-Wood	
Town of Salina	Open	8	Full	Mattydale	Brush-Iron	
Central City	Open	10	Full	Mattydale	Wood-Iron	
Hueber-Breuer	Open	4	Full	C.H.	Iron-Wood	
A & T	Open	15	Full	C.H.	Foundry	
Rubbish Removal	Open	35	Full	Mattydale	Cardboard	
Personal	Open	1	Full	Lyncourt	Tarpaper	
Nestor Bros.	Open	1	Full	Liverpool	Cardboard	
Stack Equipment	Open	1	Full	Liverpool	Cardboard	
Kelley	Comp.	35	Full	Lyncourt	Garbage	
Ace	Comp.	60	Full	Liverpool	Garbage	School
Kelleys	Comp.	35	Full	Lyncourt	Garbage	
A & T	Open	18	Full	C.H.	Foundry	
Roth Steel	Open	25	Full	Liverpool, G.E.	Wood	
J. Raite	Comp.	20	Full	Liverpool	Garbage	
Kruger	Open	4	3/4	Mattydale	Paper Cardboard & Garbage	
Heisler	Open	18	Full	Mattydale	Cardboard	
Weaver	Comp.	25	Full	Mattydale	Paper	
A & T	Open	18	Full	C.H.	Foundry	C.H.
Kelley	Comp.	35	Full	Lyncourt	Garbage	
Creno, F.	Open	18	3/4	Lyncourt	Paper	
Personal	Open	1	1	Mattydale	Wood	
Town of Salina	Open	8	Full	Mattydale	Brush-Wood	
Tripoli	Open	40	3/4	Lyncourt	Cardboard	
Leaseway	Comp.	42	Full	Lyncourt	Plastic	G.M.C.
Personal	Open	1	Full	Liverpool	Furniture	
Kelley	Comp.	35	Full	Lyncourt	Garbage	
Tripoli	Comp.	20	Full	Lyncourt	Garbage	
Roth Steel	Open	25	Full	Liverpool		A-116
Kelley	Comp.	35	Full	Lyncourt	Garbage	

(Part 6a) Pg 9 of 25
TOWN OF SALINA
ONONDAGA COUNTY, N.Y.

Date — 9/22/7

NAME OF COLLECTOR	COMP. OPEN	SIZE OF TRUCK CU. YDS	% FULL	ORIGIN	TYPE OF WASTE	REMARKS
Leaseaway	Comp.	42	Full	Lyncourt	Plastic, Wood	
Roofing Company	Open	6	Full	Liverpool	Paper, Cardboard	G.M.
Town of Salina	Open	8	Full	Mattydale	Roofing	Wood
A & T	Open	15	Full	C.H.	Brush-Tin	
Town of Salina	Open	8	Full	Mattydale	Foundry	C.H.
Roth Steel	Open	15	Full	Lyncourt	Brush-Wood	Tin
Roth Steel	Open	15		Liverpool	Cardboard	Dumpster
Weaver	Comp.	20	Full	Mattydale	Paper	Dumpster
Roth Steel	Open	20	Full	Liverpool	Cardboard	
A & T	Comp.	42	Full	Liverpool	Paper	G.E.
Personal	Open	2	Full	Mattydale	Cardboard	G.E. (Liverpoc
Roth Steel	Open	15	Full	Lyncourt	Paper	
Town of Salina	Open	8	Full	Mattydale	G.E.	Paper-Wood
A & T	Open	15	Full	C.H.	Brush-Paper	G.E.
A & T	Open	15	Full	C.H.	Foundry	C.H.
Town of Salina	Open	8	Full	C.H.	Foundry	C.H.
Const. Company	Open	12	Full	Mattydale	Brush-Wood	
Tripoli	Comp.	18	Full	Liverpool	Wood-Paper	Cardbaord
Roth Steel	Open	20	Full	Mattydale	Garbage	
Roth Steel	Open	15	Full	Lyncourt	Paper	
A & T	Open	15	Full	G.E.	Paper-Wood	G.E.
Raite	Open	15	Full	Liverpool	Paper	Dumpster, G.E.
Raite	Comp	20	Full	C.H.	Foundry	C.H.
Rogalia	Open	18	Full	Liverpool	Paper	
Mathieson	Open	20	Full	Liverpool	Cardboard	G.E.
G.E. TRK	Open	4	1/2	Liverpool	Cardboard	
Town of Salina	Open	8		Liverpool	Wood-Iron	G.E.
A & T	Comp.	40		Mattydale	Brush	
Heisler	Open	25	Full	Liverpool	Paper, Wood, Cardboard	
Roth Steel	Open	15	Full	Mattydale	Paper, Wood, Cardboard	
Ace	Comp.	60	Full	Lyncourt	Cardboard	
Roth Steel	Open	15	Full	Liverpool	Paper, Wood	
Creno, C.	Open	18	Full	Liverpool	Garbage	
Car	Open	1	Full	Lyncourt	Paper, Wood, Cardboard	
Personal	Open	2	Full	PitcherHill	Paper	
Mannino	Comp.	18	Full	Mattydale	Cardboard	
Roth Steel recycled paper	Open	25	Full	Lyncourt	Wood-Paper	A-117
				G.E.	Cardboard	

LANDFILL INVESTIGATION
TOWN OF SALINA
ONONDAGA COUNTY, NY

File No. - 120

Date - 9/22

NAME OF COLLECTOR	COMP.	SIZE OF TRUCK CU. YDS	% FULL	ORIGIN	TYPE OF WASTE	REM.
	OPEN					
A & T	Open	20	Full	C.H.	Cardboard, Paper, Wood	
Syr. Insulation	Open	20	Full	Liverpool	Cardboard, Paper	
Kelley	Comp.	25	Full	Liverpool	Garbage	
Town of Salina	Open	8	Full	Mattydale	Brush	
Mathieson	Open	2	Full	Lyncourt, G.M.C.	Fly Ash	
Central City	Open	20		Marine Mfg. Land Bank	Cardboard, Wood	
Royal-Crown	Open	15	Full	Mattydale	Paper, Glass, Wood	
Personal	Open	1	Full	Mattydale	Paper-Wood	
Weaver	Open	3	Full	Mattydale	Wood, Cardboard	
A & T	Open	15	Full	C.H.	Foundry	
Roth Steel	Open	15	Full	Pitcher Hill	Paper, Cardboard	
Roth Steel	Open	15	Full	Mattydale	Wood-paper	
Creno, F.	Open	20	Full	Mattydale	Paper-Wood	
Kelley	Comp.	25	Full	Liverpool	Garbage	
Personal	Comp.	2	Full	Lyncourt	Paper & Tarpaper	
Rock Bros.	Open	2	Full	Mattydale	Wood-Paper, Iron	
Weaver	Comp.	25	Full	Mattydale	Garbage	
G. Dairy	Open	2	Full	Mattydale	Tar, Paper, Roofing	
A & T	Open	15	Full	C.H.	Foundry	
Creno, F.	Open	7	Full	Lyncourt	Paper-Wood	
Tripoli	Comp.	20	Full	Lyncourt, Mattydale	Garbage	
Kelley	Comp.	25	Full	Lyncourt	Garbage	
Town of Salina	Open	8	Full	Mattydale	Brush	
Personal	Open	6	Full	Liverpool	Brush-wood	
Car	Open	2	Full	Lyncourt	Brush	
Personal	Open	4	Full	Mattydale	Brush	
Mathieson	Open	2	Full	G.M.C.	Fly Ash	
Seneca Knolls	Comp.	15	Full	N. Lights	Garbage	
Personal	Open	1/2	Full	Liverpool	Wood	
Heisler	Open	10	Full	Mattydale, P.C. Baker	Garbage	
Trucking Company	Open	2	Full	Liverpool	Cardboard, Paper	
A & T	Open	15	Full	C.H.	Foundry	
Salt City	Open	15	Full	Lyncourt	Wood-paper	
Man. Blvd.	Open	8	Full	Liverpool	Wood	
Town of Salina	Open	8	Full	Mattydale	Wood, Plastic	

(Part 6a) Pg 11 of 25
 LANDFILL INVESTIGATION
 TOWN OF SALINA
 ONONDAGA COUNTY, NY

File No. - 120.

Date - 9/2

NAME OF COLLECTOR	COMP. OPEN	SIZE OF TRUCK CU. YDS	% FULL	ORIGIN	TYPE OF WASTE	REMARK
Personal	Open	2	F	Mattydale	Cardboard paper	Garbage
Leasaway	Comp.	42	F	Lyncourt G.M.C.	plastic paper	G.M.C.
Weaver	Comp.	24	F	Mattydale	Garbage	
Creno, F.	Open	20	F	Mattydale	paper cardboard	
Ace	Open	15	F	Pitcher Hill	iron, tin paper	
Weaver	Comp.	28	F	Mattydale	Garbage	
Ace	Open	15	F	Liverpool	paper cardboard	
Rubbish Removal	Comp.	25	F	Liverpool Mattydale	garbage paper	
Roth Steel	Open	15	F	Mattydale Strike & Spare	cardboard paper	
Creno, C.	Open	18	F	Liverpool	Groc. store paper boxes	
Creno, F.	Open	18	1/2	Liverpool	paper cardboard	
Personal	Open	1	1/2	Mattydale	Garbage	
Roth Steel	Open	20	F	Lyncourt G.E.	paper cardboard	G.E.
Weaver	Comp.	24	F	Mattydale	Garbage	
Ace	Open	15	F	Liverpool	paper cardboard	
A. Pompo	Open	2	F	Mattydale	wood paper	
Car	Open	1	F	Mattydale	iron tin	
Car - Tr.	Open	1	F	Lyncourt	paper cardboard	
Pickup Truck	Open	2	F	Mattydale	wood	
Pickup Truck	Open	1	F	Liverpool	wood paper	
Kelley	Comp.	35	F	Lyncourt Liverpool	garbage	
Kelley	Comp.	27	F	Lyncourt	garbage	
Pickup Truck	Open	1	F	Mattydale	wood garbage	
Kelley	Comp.	25		Liverpool Northern	Lots. garbage	
Kelley	Comp.	35		Liverpool Lyncourt	garbage	
Ace	Comp.	60	F	Liverpool Pitcher	garbage	
Pickup Truck	Open	2	F	Liverpool	furniture	
Tripoli	Comp.	20	F	Lyncourt Mattydale	garbage	
Weaver	Comp.	25	F	Mattydale	garbage	
Pickup Truck	Open	1	F	Lyncourt	limbs & logs	
Pickup Truck	Open	1	F	Mattydale	garbage	
Raite	Comp.	18	F	Liverpool	garbage	
Mannino, C.	Comp.	18	F	Liverpool Lyncourt	garbage	
Heisler	Open	25	F	Lyncourt Pitcher Hill	cardboard paper	
Pickup	Open	1	F	Mattydale	recycled paper	

REFERENCE 16

A-120

02-3408-05/25/01-01

New York State Department of Health -- Public Affairs Group
DATE

100 tons from GM plant
placed in 4 county landfills

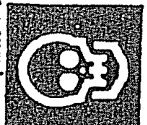
PCB waste dumped here

RECEIVED
MAR 17 1988
TOXIC SUBSTANCE
CONTROL ACT
SECTION 105

100 tons from GM plant
placed in 4 county landfills

By Jeff Light
Staff Writer

More than 100 tons of hazardous PCB-contaminated waste from General Motors' Fisher Guide plant were dumped in four municipal landfills in four counties throughout Onondaga County during the last decade, a Herald-Journal investigation has found.



And recent tests ordered by the state Department of Environmental Conservation show high levels of PCBs in soil at the town of Salina auto body plant — in one spot 160 times the level defined as hazardous by federal law.

The discovery of "hot spots" at the plant has led to concern that contamination may creep off the property and into Lay Creek less than 200 feet away. Officials say the earth beneath the plant itself may be contaminated.

State and federal officials believe the levels of PCB contamination at the landfills are relatively low and pose no immediate public health threat.

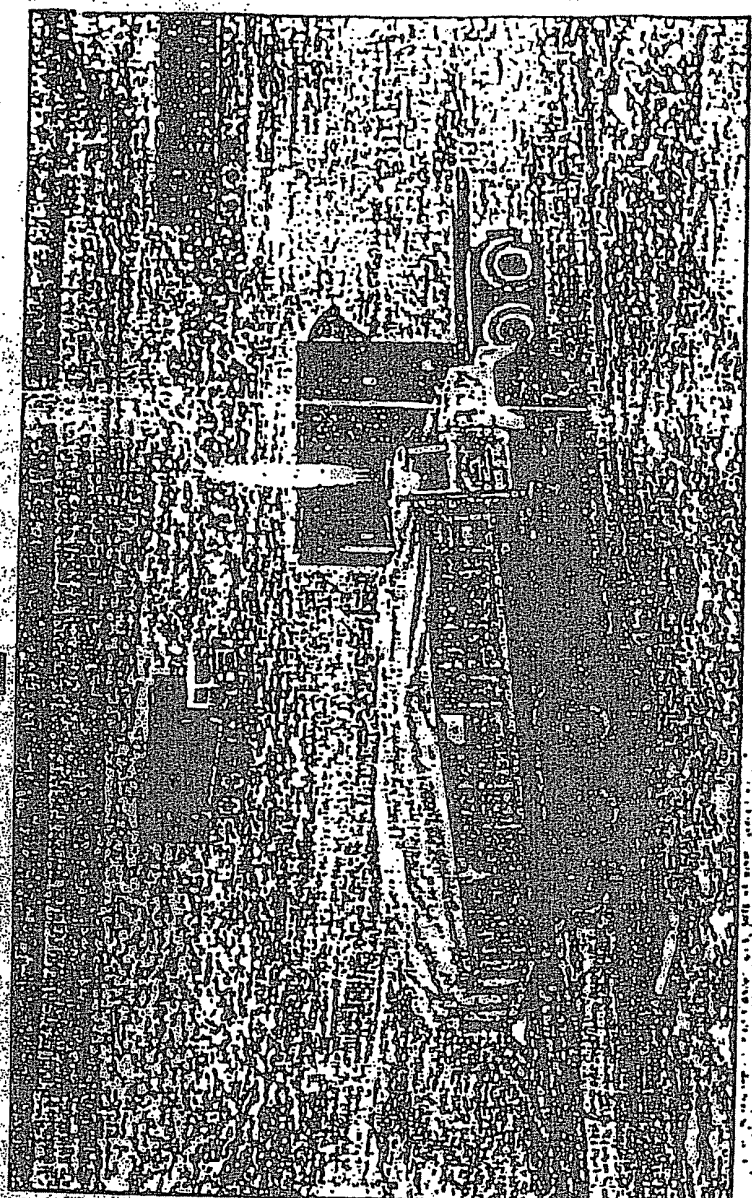
But none of the municipal dumps — the Tripoli, Clay, Salina and Brighton Avenue landfills — were designed to contain hazardous chemicals like PCBs. And officials concede the long-term consequences of the dumping are unknown.

"There is a difference between this and Love Canal here you don't have a school built over a highly concentrated area of volatile or gaseous and you don't have anyone drinking the groundwater," said DEC solid waste engineer Charlene Chernoff. "But as for the long run, it's there and it's not a health situation... it's environmental damage, no doubt about it."

The question is: Is it moving off-site? he said. "In it getting into the groundwater? Are animals eating it? What needs to be done? What can be done? The answer, we don't know, inevitably, it will be looked at."

But federal and state officials said GM had been very cooperative in trying to solve and define the PCB problem.

PCB, Page A8



The Tripoli landfill, which is now closed, was one of the sites at which PCB-contaminated wastes were dumped over the last decade. The wastes came from the General Motors Fisher Guide plant.

Albany Kn
Albany Fi.
Newsday
New York
Schenectady

PCBs: A special report

"The question is, Is it getting into the groundwater? Are animals eating it? What needs to be done? What can be done? The answer is, we don't know. Inevitably, it will be looked at."

— State solid waste engineer Charles Chernoff

PCB

Continued from Page 1

Plant manager Roland Link denied that GM had admitted any illegal dumping, though in a 1984 response to the EPA charge, the company lawyer clearly did admit the violation.

Link stressed that GM has already spent more than \$2 million in repairs and environmental cleanup at the plant and that the company's cleanup costs "will be more like \$3 1/2 million before we're done."

The presence of PCBs at the dumps means they should now be considered for classification as inactive hazardous waste sites by the state and considered for eligibility for Superfund cleanup money by the Environmental Protection Agency, state and federal officials said.

Among the Herald Journal's findings:

• **THE FOUR DUMPS** hold hundreds of tons of trash contaminated with polychlorinated biphenols, or PCBs.

From 1979 to 1983, nearly 100 tons of the trash was illegally dumped at the Tripoli landfill alone, according to EPA estimates and DEC regional attorney Richard Brickwedde.

Before 1979, the wastes were dumped in landfills in Salina, Clay and off Brighton Avenue in Syracuse, according to men who hauled the waste.

Since 1979, material with concentrations of 50 parts per million or more of PCBs have been considered hazardous waste under the federal Toxic Substances Control Act. They must be disposed of in special toxic waste landfills.

The wastes dumped by GM were tainted with PCBs averaging 100 to 140 parts per million, records show.

"It was not 37,000 kilograms of PCB wastes," Link explained. "It was 37,000 kilograms of solid waste, consisting of cardboard, cafeteria waste, trash, floor sweepings, everything you normally have in your industrial operation," with some PCB wastes mixed in.

Federal statutes define all that tainted garbage as "PCB solids."

• **THE CONTAMINATED** wastes dumped in the landfills are the result of leaks on the Fisher Guide factory floor because of broken pipes, leaky joints and other spills around the injection molding machines at the plant, according to EPA documents.

The PCBs at the plant are contained in a hydraulic system that runs 110 injection molding machines used in the manufacture of plastic car parts.

Each molding machine sits above a system of underground pumps that collect and recycle the hydraulic fluid, which leaks from the machines at a rate of up to 16,000 gallons a week, according to EPA documents and GM reports.

• **STATE ENGINEERS** found the soil beneath the foundation of the plant may be highly contaminated, and are planning to require all water draining from beneath the building to be filtered.

They say contamination on the plant site is the result of flaws in the plant's wastewater treatment and oil recycling system, and perhaps the dumping of soil excavated from beneath the plant floor.

• **TWO HOLDING** ponds on the plant property are contaminated with PCBs at hazardous levels.

The ponds have been ordered cleaned up and GM has agreed to have a new treatment system on line by Jan. 1, 1987.

• **HIGH LEVELS** of PCB contamination were discovered last month along the back fence of the GM plant by Factory Avenue, within 200 feet of Ley Creek.

Soil samples taken from the bed of Ley Creek found no significant PCBs, state officials said. The creek was dredged in 1983. But one test bore near the fence turned up soil containing 4,000 parts per million PCBs — 160 times the legal limit.

"Everyone was surprised," said DEC water engineer Steve Lackey. "We had assumed the PCBs were leaking from areas where the recycling system along the outside of the sanitary sewer lines. We're not sure what it means. The first thing we're going to do is to require more testing to make sure it isn't moving into Ley Creek."

"Something has to be done. You can't just leave it the way it is," he said. "Eventually we're talking decades and decades, at least — that might find its way into the creek. And if it goes into the creek, it'll go into Onondaga Lake. And if it goes into the lake, eventually it would end up in Lake Ontario."

Lackey said once the extent of the soil contamination at the plant site has been determined, the dirt will be ordered removed and sent to a special toxic waste landfill, contained with walls, pushed into the soil or treated with a chemical process.

DEC Regional Water Engineer Leo Flocke said the most likely theory to explain the hot spot near the Tripoli landfill excavated from beneath the plant floor in the past has been dumped along the back of the property.

The leaky sump system beneath the plant floor, he said, may well have contaminated all the soil beneath the plant.

"Someday if, God forbid, the plant closes, all this will be remembered," Flocke said.

That ground will have to be cleaned. "For now, it's trapped between the foundation of the building and a lens of impervious clay," he said. "You might say what we really should do is make them dig it all up. But it's just not practical to make them trash the whole building."

Albany Knickerbocker News
Albany Times Union
Newsday
New York Times
Schenectady Gazette

New York Daily News
Statens Island Advance
Buffalo Evening News
Binghamton Evening Press
New York Post
Syracuse Herald-Journal

Binghamton Sun Bulletin
Times Herald Record
Democrat & Chronicle-Rochester
Reporter Dispatch -White Plains
Syracuse Post Standard
Wall Street Journal

"What I have asked them to do is to collect all the drainage water from the building and run it through filters to clean it — that's all the water from around all the pipe holes in the whole foundation."

◉ THE EPA last summer fined the Fisher Guide \$75,000 for six violations of the Toxic Substances Control Act.

EPA officials classified the admission by GM officials last summer that PCB wastes were routinely thrown in the garbage as a "major" offense, but said they considered it a minor environmental problem. The concentration of the chemical in the wastes — between 100 and 140 parts per million, was not enough to cause alarm, they said.

GM paid the \$75,000 fine last July after being charged with:

- Sending PCB-contaminated wastewater into Ley Creek without a permit.
- Dumping PCB wastes at municipal landfills after 1979, when the practice was prohibited.

- Failing to drain the hydraulic system and dispose of the PCBs as required by law since 1979 and reintroducing PCB fluid into the machines.

- Storing more than 4,000 gallons of PCB liquids in an open-top tank and more than 1,000 gallons in barrels without lids or proper markings.

- Storing the PCBs and PCB solids for more than 30 days without a permit.

- Failing to keep required records about where and when PCBs were disposed of.

The agreement to pay the fine signed last July by GM with EPA does not amount to an admission of guilt. A clause in the document reads that GM "neither admits nor denies the factual allegations contained in the complaint and the findings of fact."

However, in an April 26, 1984, response to the original complaint filed against the company, GM attorney William D. Brusstar Jr. wrote that the company "admits to the disposal in a municipal landfill between July 1979 and June 1983 of more than 67,000 kilograms (nearly 100 tons) of (PCB) solids such as floor cleanup, bar tap filters and filter cartridges."

But Brusstar claimed, "These solids had only incidental PCB contamination. Every hydraulic machine is surrounded by an oil collection trench. In the event of a leakage, most of the oil was carried away by means of the trench. Only occasionally did oil splatter onto the floor. Employees say these oil spots were just ounces."

◉ GM BEGAN attempts to rid itself of the PCB problem as early as March 1979. The fluid in the molders was sampled and found to contain 100 to 140 parts per million PCBs.

The hydraulic system holds 120,000 gallons of fluid. The PCBs in the system date from 1971 or before, when die casting machines used to manufacture hub caps were converted into injection molders, according

A-123

-3-

recycled paper

ecology and environment

US0300

New York State Department of Health -- Public Affairs Group
DATE

Albany Knickerbocker News
Albany Times Union
Schenectady Gazette
Newsday
New York Times

New York Daily News
Staten Island Advance
Buffalo Evening News
New York Post
Syracuse Post Standard
Syracuse Herald-Journal

Binghamton Sun Bulletin
Times Herald Record
Rochester Democrat & Chronicle
White Plains Reporter Dispatch
Binghamton Evening Press
Wall Street Journal

to documents GM submitted to the EPA.
The oil pumps and recycling system were
installed in 1975-8.

In December 1976, the company drained
70 percent of the fluid from the system and
replaced it with non-PCB fluid. In an at-
tempt to bring the level to less than 50 parts
per million and into compliance with fed-
eral law.

By the fall of 1980, however, PCBs
trapped in gaskets and hoses and the inside
of the machines themselves had brought
the PCB level back up to 50 to 140 parts per
million.

A similar procedure was repeated in Au-
gust 1980 with similar results.

Finally, in 1983, GM officials called the
EPA looking for guidance.

Officials emphasized that many of the
problems at the plant had been repaired and
that the company was cooperating to solve
them. Since 1983, the plant has spent more
than \$2 million trying to correct its hazar-
dous waste problem.

Lacey and Flocke both said PCB pollu-
tion from the plant has virtually stopped
since 1983. But signs of past pollution, from
waste, keep surfacing.

"It is possible that portions of the fill oil
along the northern boundary of the prop-
erty are contaminated," GM's February re-
port to DEC speculated. "The route of
(an abandoned) drainage system, now
buried, may be contaminated both on and
off the property. . . . The construction of
Factory Avenue and the installation of the
gas main beside it may also have disturbed
PCB-contaminated fill on the property."

Although GM lawyers estimated spills in-
side the plant at "census," one GM source

who wished to remain anonymous claimed
he had seen spills of up to hundreds of gal-
lons.

Environmental Protection Agency Chief
of Toxic Substances Daniel Kraft led the
EPA team that inspected the plant Sept. 8,
1983.

During the inspection, Kraft noted "ab-
normal" work areas in the presence of
mercury, oil, hydraulic fluid, leakage, and
the fluid level in a few of the containment
tanks. . . . at the mill coverage.

But he noted, "The troughs reportedly
have never been allowed to overflow."

"It was illegal," Kraft said of the dumping
in landfills. "But the impact in no way
than what is currently allowed under the
regulations."

Based on GM's estimates, Kraft guessed
the amount of pure PCBs in the Tripoli
dump would be less than 40 pounds.

The GM source claimed he had seen far
bigger spills soaked up with sawdust-like
material and shoveled into orange dump-
sters used for trash collection inside the
plant.

He said the pumps did overflow "on occa-
sion. I'd say maybe five or six times" in 10
years.

"And sometimes a pipe would break or a
joint would crack," he said. "It could be
anywhere from 10 gallons to anywhere
from 700 to 800 gallons. Sometimes if main-
tenance was working on a machine and
didn't lock out the hydraulic system, the oil
in the system would come out. They'd
sweep it up and put it into dumpsters. We
didn't do anything special, just shovel it up
with old coal shovels and throw it in the
dumpster."

He said spills were routinely cleaned up
in this fashion from the time the inspection
monitors were first installed until the EPA
inspection.

Leo Smith, 52, who worked for A&T Haul-
ers from 1973 to December, and George
Smith, 33, who worked for the company
from 1972 to 1983, hauled all the trash from
the plant except for paint sludge.

The men said the 8 by 20-foot dumpsters
of compacted trash they picked up at the
plant, an often three times a day, was
frequently saturated with oily liquids.

The men said they regularly hauled the
trash to the town of Salina landfill until it
closed in 1974, and later to the Clay,
Brighton Avenue, and Tripoli landfills.

"You'd wear a pair of gloves and hey'd
just be soaked with it," George Smith said.
"Sometimes it was real bad and sometimes
it wasn't. Sometimes it just just go run-
ning out all over. Sometimes there was
quite a bit there."

Kraft said it was extremely unlikely that
GM would be ordered to clean up the and-
fills.

"The agency has to draw the line some-
place," he said. "If that wasn't the case, all
these landfills all over the country where
PCBs were legally dumped before 1978--
would have to be dug up, and sent to PCB
landfills or incinerated. You just can't do
it."

Results of groundwater samples taken in
January at the Tripoli dump, the only one of
the four currently listed on the state's regis-
try of inactive hazardous waste sites, are
due back by April or so, he said. A similar
study of the Clay landfill is planned for
1987.

REFERENCE 17

A-125

02-3406-05/25/01-01
recycled paper

ecology and environment

2) NYSDOH Interoffice MEMO

Summary

To: Dr. Mohanka

FR: Mr. Huerters - Syr. Reg. Off

date: Mar. 18, 1986

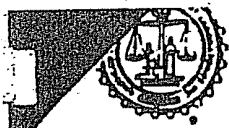
Subj: G.M. - Fisher Guide

G.M. Fisher Guide Divs dumped refuse contaminated by PCB's in Brighton Ave. ZF. The refuse was floor sweepings compound used to clean up coolant and hydraulic oil leaks, + was disposed of btwn 1979 and 1982. The floor sweepings were mixed w/ ordinary refuse and hauled by A+T haulers. This material was not classified or tracked as haz. waste. G.M.'s worst est. is 112,500 Kg oils at 120 ppm. This was based on the use of 125,000 kg of the absorbent and a 90% absorbency rate.

2) (cont.) The co. used Pydrol 200 and 312 as coolants + hydraulics + had switched to another non PCB product around 1969. The oil/waste in quest contained PCBs as a result of resid. contam w/in the coolant/hydraulic systems.

There is no info. on dispos. practices prior to 1979, however G.M. was to review their records to determine who handled the refuse prior to 1979.

The RTK shows a variety of solvents, paint, thinners, oil and grease, WWTP sludges and fly and bottom ashes were also generated by G.M.'s Fisher Guide.



ATLANTIC TESTING LABORATORIES, Limited

SUBSURFACE INVESTIGATION

Report No. CD666-1-5-87

CLIENT NYS Dept. of Environmental Conservation Location of Boring Albany, NY

Per Client

PROJECT Monitoring Well Installation

Salina Landfill, Syracuse, NY

Date, start 5/20/87

Finish 5/20/87

Boring No. SW-1 Sheet 1 of 2

Ground Water Observations

Casing Hammer

Sampler Hammer

Date 5/20/87

Time

Depth 4.0'

Cooling at 15.0'

Wt lbs.

Wt 140 lbs.

Fall in.

Fall 30 in.

Ground Elev.

Casing

H.S. Auger 4-1/4" I.D.

DEPTH	CASING BLOWS/FT.	SAMPLE NO.	DEPTH OF SAMPLE		TYPE SAMPLE	BLOWS ON SAMPLER PER 3" SAMPLER	DEPTH OF CHANGE	CLASSIFICATION OF MATERIAL		STANDARD PENETRATION MINUTES
			FROM	TO				f-fine m-medium c-coarse	and — 35-50% some — 20-35% little — 10-20% trace — 0-10%	
		1a	0.0	0.5	SS	5	0.5'	6" TOPSOIL		
		1b	0.5	2.0		8		Grey f SAND and SILT		
						8				
		2	2.0	4.0	SS	5		Grey f SAND and SILT; ORGANIC MATERIAL		
						6				
						11				
		3	4.0	6.0	SS	14		Similar Soils (wet)		
						10				
						5				
		4	6.0	8.0	SS	1	6.5'	mf SAND; ORGANIC MATERIAL with CLAY layer at 6.5' - 7.5' (saturated)		
						2				
						3	7.5'			
						4				
	AUGER	5	8.0	10.0	SS	7		CLAY, SILT, ORGANIC MATERIAL (saturated)		
						8				
						7				
						10				
		6	10.0	12.0	SS	3		Similar Soils (saturated)		
						1				
						5				
		7	12.0	14.0	SS	2		CLAY; trace SILT (saturated)		
						1				
						2				
						1				
		8	14.0	16.0	SS	2		Similar Soils (saturated)		
						2				
						2				
						3				

SS — SPLIT SPOON SAMPLE

U — UNDIS SHELBY TUBE

P — PISTON TYPE SAMPLE

DRILLERS

Gary Cambridge, John Saarinen

A-27

ecology and environment

MONITORING WELL INSTALLATION DETAIL

PROJECT: Salina Landfill

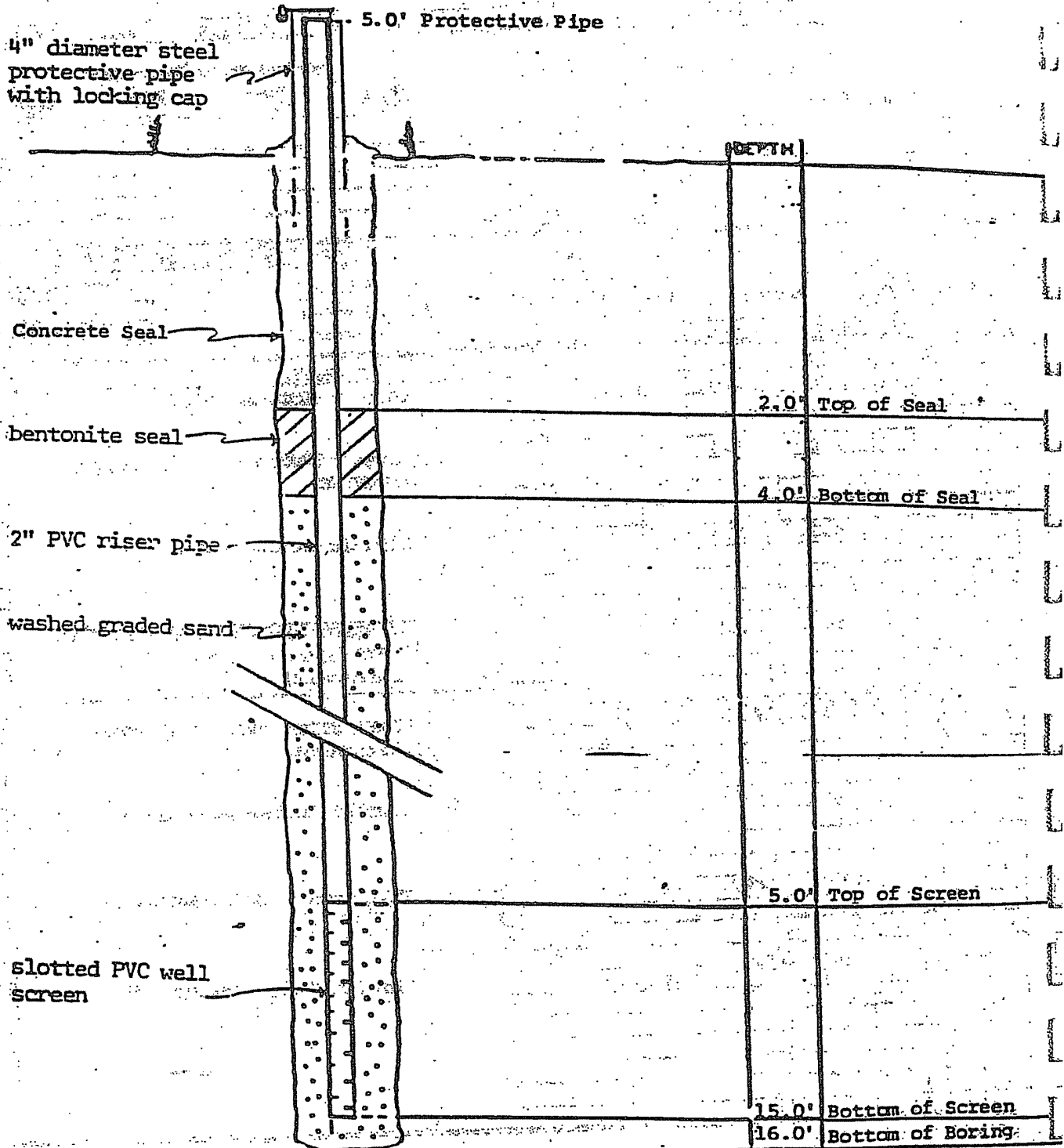
PROJECT NO. CD666-87

Syracuse, New York

CLIENT: NYS Dept. of Env. Conservation

WELL NO. SW-1

Albany, New York



A-28

REFERENCE 19

A-129

02:3408-05/25/01-01
recycled paper

ecology and environment

New York State Department of Environmental Conservation



CHRONOLOGY OF INVESTIGATION AND TESTING

By Onondaga County Health Department
and
NYS Department of Environmental Conservation

November, 1985

Contract signed between DEC and Dunn Geoscience, Inc. to undertake hydrogeologic investigation of the Clay landfill for \$70,000 under special funds for monitoring a limited number of landfills statewide. Clay landfill was selected because it was a large municipal landfill closed prior to recent strict closure requirements and nearby residential wells.

February 1986

Nine monitoring wells installed for Dunn Geoscience work.

Friday, March 7, 1986

Newspaper story regarding possible pcb's-laden trash being dumped in area landfills.

Monday, March 10, 1986

DEC and County Health officials met to discuss situation and plan coordinated testing, if necessary. County Health took samples for testing of three residential wells in area and one surface sample. (Sampling #1).

Wednesday, March 12, 1986

County Health received test results showing no detectable levels of PCB's in three residential wells, however, drainage ditch sample showed PCB's at 8.6 parts per billion. (Results of Sampling #1).

Thursday, March 13, 1986

DEC and County Health officials met and agreed to more extensive sampling program.

-2-

Saturday, March 15, 1986

Meeting with residents at Clay Town Hall.

Monday, March 17, 1986

DEC and County Health began sampling at Clay landfill. Samples were taken of surface waters and sediments around the landfill. Samples were also taken from three existing collection sumps on the perimeter of the landfill. to be tested for pcb's only. (Sampling #2)*

Also, March 17, 1986

DEC met with General Motors representatives who supplied copies of their Industrial Chemical Survey and Community Right-to-Know forms. GM confirmed that pcb-contaminated trash from floor sweepings and cleanup debris was disposed of with their general trash. This information was not included in the ICS or Community Right-to-Know forms. DEC requested that GM submit a list of haulers used for their general trash.

Tuesday, March 18, 1986

DEC's contract firm of Dunn Geoscience began the sampling work of the nine monitoring wells around Clay landfill. Samples were also taken of leachate seeps, soil, and nearby surface water. Samples will be tested for the 129 priority pollutants including pcb's. (Sampling #3).

Wednesday, March 19, 1986

Sampling of Dunn Geoscience continued and was concluded.

DEC met with A&T Haulers representative who confirmed that they had hauled general trash for General Motors since 1972 and that trash was hauled to the Brighton, Salina, Tripoli, and Clay landfills.

Thursday, March 20, 1986

DEC and the county Health Department took samples at the Clay, Salina, and Brighton landfills. DEC took samples from five of the monitoring wells at Clay, six samples from Brighton and five from Salina. (Sampling #4a). County Health took two samples from Salina and one from Brighton. (Sampling #4b). DEC's samples went to DEC laboratory for analysis. County Health samples went to contract lab. All samples to be tested for pcb's only.

Monday, March 24, 1986

Some results of sampling #2 were received. Four surface water samples showed no detectable levels of pcb's.

County Health had completed testing of 44 residential wells with none showing detectable levels of pcb's.

Note: Additional samples taken of sumps alone to be tested by DEC contract lab for 129 priority pollutants. Results not yet received.

REFERENCE 20

A-132

02:3409-06/26/01-01


Calocerinos & Spina
CONSULTING ENGINEERS

1020 Seventh North Street, Liverpool, NY 13088 • (315) 457-6711

November 15, 1985

Mr. Darrell W. Weston
 Supervisor
 Town of Salina
 P. O. Box 458
 201 School Road
 Liverpool, New York 13088

Re: Former Town of Salina
 Landfill Site

File: 120.101

Dear Mr. Weston:

In response to a request from Mr. Vincent D'Angelo, Loss Control Representative, General Accident Insurance Company of America, dated October 21, 1985, this letter will serve as a summary of the final steps in the closing of the former Town Landfill site off Route 11.

To the best of our knowledge, the Salina Landfill was officially closed sometime in late 1974, early 1975. In 1976, specifications were prepared by Calocerinos & Spina for Dirt Fill & Grading of the Salina Landfill Site, submitted to the New York State Department of Environmental Conservation and approved on August 16, 1976. Bids were received by the Town, but all bids were rejected. Litigation proceedings commenced and resulted in the Town of Salina purchasing approximately 29 acres of land on which the landfill was located. In 1981, specifications were again prepared for the grading, covering and seeding of the landfill site, submitted to DEC and approved on July 28, 1981. Bids were received and a contract awarded to Barbabos Const. Co., Inc. by the Town on September 14, 1981. This contract provided for the grading and covering the entire site with a 2-foot layer of a clay type soil with a permeability factor of 10^{-5} cm/sec as required by DEC and hydroseeding the entire area. The project was completed in November 1982 and has remained in the condition as you see today.

This information would appear to answer Mr. D'Angelo's question, but if additional information is required, please call.

Very truly yours,

CALOCERINOS & SPINA

Leo F. Kane II
 Managing Engineer

LFK:mal

cc: Town Board

Mr. A. Rivizzigno *Town of Salina's Attorney*
 C&S OFFICES: SYRACUSE • ATLANTA • PITTSBURGH • BUFFALO
 recycled paper ecology and environment

A-133